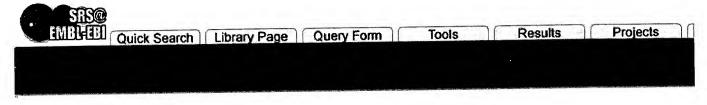
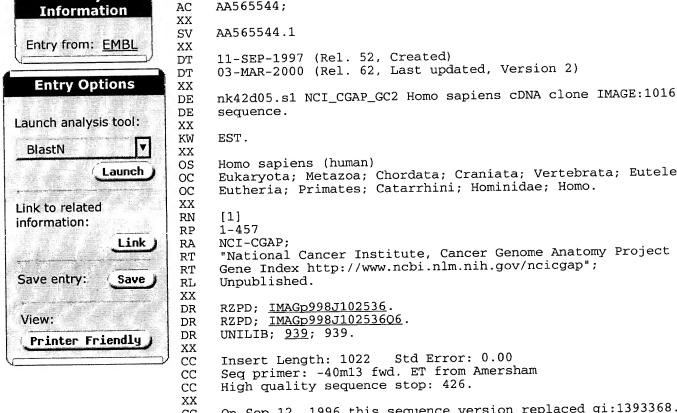
Docket No.: PB-0011-1 DIV USSN: 09/838,044 Ref. No. 1 of 5



standard; mRNA; EST; 457 BP.

Reset

Entry



ID

XX

FT

FT

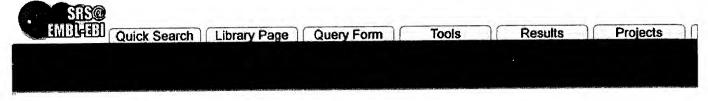
FT

AA565544

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Eutele Eutheria; Primates; Catarrhini; Hominidae; Homo. "National Cancer Institute, Cancer Genome Anatomy Project Gene Index http://www.ncbi.nlm.nih.gov/ncicgap"; On Sep 12, 1996 this sequence version replaced gi:1393368. CC Contact: Robert Strausberg, Ph.D. CCTel: (301) 496-1550 CCEmail: Robert_Strausberg@nih.gov CC Tissue Procurement: Christopher Moskaluk, M.D., Ph.D., Mic CC Emmert-Buck, M.D., Ph.D. CC cDNA Library Preparation: Stratagene, Inc., David B. Krizm CC CC Ph.D. cDNA Library Arraying: Greg Lennon, Ph.D. CC DNA Sequencing by: Washington University Genome Sequencing CC Clone distribution: NCI-CGAP clone distribution informatio CCfound through the I.M.A.G.E. Consortium/LLNL at: CC www-bio.llnl.gov/bbrp/image/image.html CC XX Location/Qualifiers FΗ Key FΗ 1.,457 FTsource /db_xref="taxon: <u>9606</u>" FT/db_xref="RZPD: IMAGp998J102536" FT FT

/db_xref="RZPD:<u>IMAGp998J102536</u>" /db_xref="RZPD:<u>IMAGp998J102536</u>" /db_xref="RZPD:<u>IMAGp998J102536</u>" /db_xref="RZPD: <u>IMAGp998J10253606</u>"

Docket No.: PB-0011-1 DIV USSN: 09/838,044 Ref. No. 2 of 5



Reset

Entry from: EMBL Entry Options Launch analysis tool: BlastN V Launch Link to related information: Link Save entry: Save View: Printer Friendly

FT

FT

Entry

```
standard; mRNA; EST; 422 BP.
     AA813484
ID
XX
AC
     AA813484;
XX
SV
     AA813484.1
XX
     16-FEB-1998 (Rel. 54, Created)
DT
     03-MAR-2000 (Rel. 62, Last updated, Version 3)
DT
XX
     ai67b05.s1 Soares_testis_NHT Homo sapiens cDNA clone 13758
DE
DE
     sequence.
XX
KW
     EST.
XX
os
     Homo sapiens (human)
     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Eutele
Eutheria; Primates; Catarrhini; Hominidae; Homo.
OC
OC
XX
RN
      [1]
RP
      1 - 422
RA
     NCI-CGAP;
      "National Cancer Institute, Cancer Genome Anatomy Project
RT
     Gene Index http://www.ncbi.nlm.nih.gov/ncicgap";
RT
RL
     Unpublished.
XX
     RZPD; IMAGp998E103473.
DR
     UNILIB; <u>628</u>; 628.
DR
XX
     Insert Length: 1355
CC
                              Std Error: 0.00
CC
      Seq primer: -40m13 fwd. ET from Amersham
      High quality sequence stop: 403.
CC
XX
      On Sep 29, 1997 this sequence version replaced gi:1520753.
CC
CC
      Contact: Robert Strausberg, Ph.D.
      Tel: (301) 496-1550
CC
CC
      Email: Robert_Strausberg@nih.gov
      cDNA Library Preparation: M. Bento Soares, Ph.D., M. Fatim
CC
CC
      Bonaldo, Ph.D.
      cDNA Library Arrayed by: Greg Lennon, Ph.D.
CC
      DNA Sequencing by: Washington University Genome Sequencing
CC
      Clone distribution: NCI-CGAP clone distribution informatio
CC
CC
      found through the I.M.A.G.E. Consortium/LLNL at:
CC
      www-bio.llnl.gov/bbrp/image/image.html
XX
FΗ
                       Location/Qualifiers
      Key
FΗ
                        1..422
FT
      source
FT
                        /db_xref="taxon: <u>9606</u>"
                        /db_xref="RZPD: <u>IMAGp998E103473</u>"
FT
                        /db_xref="RZPD:<u>IMAGp998E103473</u>"
FT
                        /db_xref="RZPD: <u>IMAGp998E103473</u>"
FT
                        /db_xref="UNILIB: <u>628</u>"
FT
FT
                        /mol_type="mRNA"
                        /note="Vector: pT7T3D-Pac (Pharmacia) with
FT
```

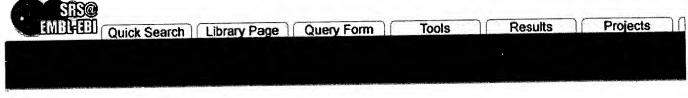
polylinker; Site_1: Not I; Site_2: Eco RI;

was prepared from mRNA obtained from Clont

```
/db_xref="RZPD: <u>IMAGp998J10253606</u>"
FT
                      /db_xref="RZPD: <u>IMAGp998J10253606</u>"
FT
                      /db_xref="RZPD: <u>IMAGp998J10253606</u>"
FT
                      /db_xref="UNILIB: 939"
FT
                      /mol_type="mRNA"
FT
                      /note="Vector: Bluescript SK-; Site_1: Eco
FT
                      Cloned unidirectionally. Primer: Oligo dT
FT
                      tumor. 5' adaptor sequence: 5' GAATTCGGCAC
FT
                      sequence: 5' CTCGAGTTTTTTTTTTTTTTT 3' A
FT
                      size: 1.2 kb."
FT
                      /organism="Homo sapiens"
FT
                      /clone="IMAGE:1016169"
FT
                      /clone_lib="NCI_CGAP_GC2"
FT
FT
                      /tissue_type="germ cell tumor"
                      /lab_host="SOLR (kanamycin resistant)"
FT
XX
     Sequence 457 BP; 104 A; 99 C; 135 G; 119 T; 0 other;
SQ
     tttgaaaatc aaacatttaa taaactgtgg ggctgggggt ggggagaact tgc
     ggggagcacg aagcctgggc ctatggagag ggctggactt gctacatttt ggg
     cacaaggagc tttgggtttt tgtttttttc tgccaagatg cattatagaa cca
     caatttctca gtgtggccca aatggtggcc tcacagtctt ctcctggaga ctg
     ggcgtgagtc tcccggcagc tgtcagcatt caccatctct gttggtctgt act
     cagtggcctg agaagtagtt tcagccacag aagaaacgaa cacgtctggg ggc
     tgccgggacg tggtggggac tttcccctag agtggtctgg cccccatctg agt
     tctgctcagg ctggagacac aggtctttgt acacaaa
11
```

SRS Release 7.1.1 Copyright © 1997-2003 LION bioscience AG. All Rights Reserved. Terms of Use Feedback

Docket No.: PB-0011-1 DIV USSN: 09/838,044 Ref. No. 3 of 5



Reset) standard; mRNA; EST; 175 BP. HS1749 ID XX**Entry** T19174; AC Information XX T19174.1 SV Entry from: EMBL XX 20-DEC-1994 (Rel. 42, Created) DT04-MAR-2000 (Rel. 63, Last updated, Version 4) DT**Entry Options** XXh01003s Testis 2 Homo sapiens cDNA clone h01003 5' end, mR DE XX Launch analysis tool: KW EST. XX BlastN Homo sapiens (human) OS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Eutele OC Launch Eutheria; Primates; Catarrhini; Hominidae; Homo. OC XXRN [1] Link to related 1-175 RP information: MEDLINE; 95301283. RX PUBMED; <u>7782076</u>. Link RXPawlak A., Toussaint C., Levy, I, Bulle F., Poyard M., Bar RA Guellaen G.; RA "Characterization of a large population of mRNAs from huma Save entry: Save RTGenomics 26(1):151-158(1995). RLXX View: DR UNILIB; <u>120</u>; 120. XX Printer Friendly Contact: Guellaen G CC Unite INSERM 99 CC CC INSERM Unite INSERM 99, Hopital Henri Mondor, 94010 Creteil, Fran CC Tel: (33)149813530 CC Fax: (33)148980908 CCEmail: guellaen@infobiogen.fr CC Seq primer: SP6. CC XXLocation/Qualifiers FΗ Key FH 1..175 FTsource /db_xref="taxon: 9606" FT /db_xref="UNILIB: 120" FT /mol_type="mRNA" FT/note="Vector: PGEM 5zf(+); Site_1: Sal1; FTmRNA was prepared from human testis of a 2 FTcDNA was prepared using a 15mer oligo dT a FT degenerated bases at its 3'end and contain FT at its 5'end. The cDNA was cloned between FT sites of PGEM 5zf(+). The 3' end is at the FTSall site is lost during the cloning proce FTcorresponding to abundant species were eli FT

library. "

/clone="h01003"

Compand 175 pm. 16 %. 37 C. 60 C. 77 m. 7 athor.

/organism="Homo sapiens"

/clone_lib="Testis 2"

FT

FT

FT

FT XX

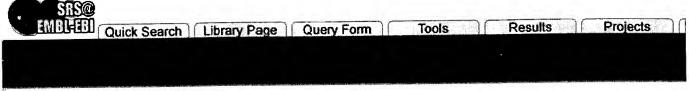
1 of 2

```
by Sequence 1/3 br; 40 A, 3/C, 00 G, 22 1; 2 other, tacggaatgg agcgacaggg agtggacgtg ccccatgtga aatgcaaaga cca cagcccttgg gggagagcaa ggagcatccg cggatgggaa gagaactgcg agg tggtggaggg ccagctagtg ccanttgcca gctgacggtc ctggaagnga agt
```

SRS Release 7.1.1 Copyright © 1997-2003 LION bioscience AG. All Rights Reserved. Terms of Use Feedback



Docket No.: PB-0011-1 DIV USSN: 09/838,044 Ref. No. 4 of 5



Reset

XX Entry AC Information XXSV Entry from: EMBL XX DT DT**Entry Options** XX DE XX Launch analysis tool: KW XX BlastN OS OC Launch OC XX RN Link to related 1-511 RP information: RA Link RTRL RLSave entry: Save RL RLRLView: XXRN Printer Friendly RA RA RT RT

```
standard; mRNA; EST; 511 BP.
ID
     AU043132
     AU043132;
     AU043132.1
     14-DEC-1998 (Rel. 58, Created)
     14-DEC-1998 (Rel. 58, Last updated, Version 1)
     Mus musculus 16-cell embryo cDNA 3'-end sequence, clone J0
     EST(expressed sequence tag).
     Mus musculus (house mouse)
     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Eutele
     Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
     Doi H., Ko M.S.H.;
     Submitted (25-NOV-1998) to the EMBL/GenBank/DDBJ databases
     Hirofumi Doi, Japan Science and Technology Corporation (JS
     Bioasymmetry Project, ERATO; WBG Marive East 12F, 2-6 Naka Chiba-shi, Chiba 261-7112, Japan (E-mail:hd@bioa.jst.go.jp
     Tel:+81-43-299-1351, Fax:+81-\overline{4}3-297-7530)
     Ko M.S.H., Kitchen J.R., Wang X., Threat T.A., Sun T., DeP
     Liang Y., Kargul G.J., Sharara R., Lim M.K., Doi H.;
      "Systematic analyses of genes expressed in 16-cell mouse e
      ERATO/Doi Project at Wayne State University)";
RL
      Unpublished.
XX
DR
      UNILIB; <u>1532</u>; 1532.
XX
                       Location/Qualifiers
FH
      Key
FH
                       1..511
FT
      source
                       /db_xref="taxon: 10090"
FT
                       /db_xref="UNILIB: 1532"
FT
                       /mol_type="mRNA"
FT
                       /sequenced_mol="cDNA to mRNA"
FT
                       /organism="Mus musculus"
FT
                       /clone="J0900D01"
FT
                       /clone_lib="Mouse sixteen-cell-embryo cDNA
FT
                       /dev_stage="sixteen-cell-embryo"
FT
                       /strain="C57BL/6J"
FT
XX
      Sequence 511 BP; 127 A; 110 C; 116 G; 156 T; 2 other;
SQ
      gaaatcaaaa catttaatca actacagatg tgggttggga gaatttgcta agg
      tatggcaggg tcaaaccttg tcacactacg gtaattagca caaagagcat tgg
```

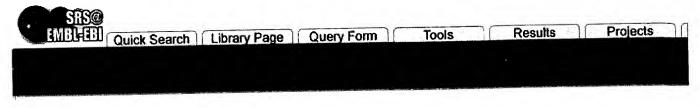
gtgttgggtt acagaactat aaaaaacaat atcagcatgc ctcaaacagc agc ccttctcaca ttgagatgga agcctcttag cagaagtcag cattcaccat ctt ctgttcttcg caagtgggaa cctcagactg gacacatagg tccttgtaca ccg agtttggcag acttgtttaa gctccatttc cagatggttg atctttgcca tct



```
adallicity layicitic lyadigatic lyclylygry yymylacact lyg
totgoctoca aattitotgt toagattotg agaaccttca totgagggot gtn
ttggggoata agtggoatgg toottotggo t
```

SRS Release 7.1.1 Copyright © 1997-2003 LION bioscience AG. All Rights Reserved. Terms of Use Feedback

Docket No.: PB-0011-1 DIV USSN: 09/838,044 Ref. No. 5 of 5



Reset

MM1276610 standard; mRNA; EST; 394 BP. ID XX**Entry** AA386755; AC Information XX AA386755.1 SV Entry from: EMBL XX 25-JUN-1997 (Rel. 52, Created) 03-MAR-2000 (Rel. 62, Last updated, Version 2) DT DT **Entry Options** XXvc17h03.rl Ko mouse embryo 11 5dpc Mus musculus cDNA clone DE DE mRNA sequence. Launch analysis tool: XXEST. KW BlastN XXMus musculus (house mouse) OS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Eutele Launch OC Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. OC XXLink to related RN [1] information: RΡ 1 - 394Marra M., Hillier L., Allen M., Bowles M., Dietrich N., Du Geisel S., Kucaba T., Lacy M., Le M., Martin J., Morris M. Link RA RA Schellenberg K., Steptoe M., Tan F., Underwood K., Moore B RA Wylie T., Lennon G., Soares B., Wilson R., Waterston R.; Save entry: Save RA "The WashU-HHMI Mouse EST Project"; RTRLUnpublished. View: XXRZPD; <u>IMAGp998D061908</u>. DR Printer Friendly UNILIB; <u>845</u>; 845. DR XX On Sep 12, 1996 this sequence version replaced gi:1288550. CCContact: Marra M/Mouse EST Project CCWashU-HHMI Mouse EST Project CC Washington University School of MedicineP CC4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108 CCTel: 314 286 1800 CC Fax: 314 286 1810 CC Email: mouseest@watson.wustl.edu CC This clone is available royalty-free through LLNL; contac CC IMAGE Consortium (info@image.llnl.gov) for further informa CC

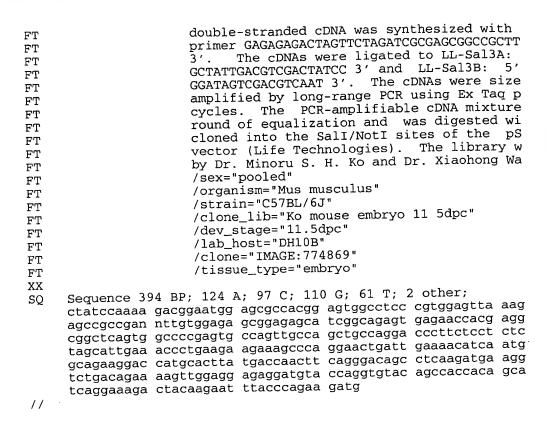
MGI:467725

High quality sequence stop: 388.

CC

CC

```
XX
                       Location/Qualifiers
FH
     Key
FH
                        1..394
FT
     source
                        /db_xref="taxon: 10090"
FT
                        /db_xref="RZPD: <u>IMAGp998D061908</u>"
FT
                        /db_xref="RZPD: <u>IMAGp998D061908</u>"
FT
                        /db_xref="RZPD:<u>IMAGp998D061908</u>"
FT
                        /db_xref="RZPD: <u>IMAGp998D061908</u>"
FT
                        /db_xref="UNILIB: 845"
FT
                        /mol_type="mRNA"
FT
                        /note="Organ: embryo; Vector: pSPORT1; Sit
FT
                        Site_2: NotI; Total RNAs were extracted fr
FΤ
                        embryos (excluding placenta and yolk sac)
FT
```



SRS Release 7.1.1 Copyright © 1997-2003 LION bioscience AG. All Rights Reserved. Terms of Use Feedback

```
Inc., and primed with a Not I - oligo(dT)
FT
                    FT
FT
                    Double-stranded cDNA was ligated to Eco RI
                    (Pharmacia), digested with Not I and clone
FΨ
FT
                    and Eco RI sites of the modified pT7T3 vec
                    through one round of normalization to Cot5
FT
                    constructed by Bento Soares and M. Fatima
FT
FT
                    /sex="male"
                    /organism="Homo sapiens"
FT
                    /clone="1375857"
FT
                    /clone_lib="Soares_testis_NHT"
FT
                    /lab_host="DH10B"
FT
XX
SQ
    Sequence 422 BP; 93 A; 90 C; 126 G; 113 T; 0 other;
     tttttgaaaa tcaaacattt aataaactgt ggggctgggg gtggggagaa ctt
    gtggggagca cgaagcctgg gcctatggag cgggctggac ttgctacatt ttg
    agcacaagga gctttgggtt tttgttttt tctgccaaga tgcattatag aac
    aacaatttct cagtgtggcc caaatggtgg cctcacagtc ttctcctgga gac
    aaggcgtgag tctcccggca gctgtcagca ttcaccatct ctgttggtct gta
    agcagtggcc tgagaagtag tttcagccac agaagaaacg aacacgtctg ggg
    gttgccggga cgtggtgggg actttcccta gagtggtctg gccccatctg agt
11
```

SRS Release 7.1.1 Copyright © 1997-2003 LION bioscience AG. All Rights Reserved. Terms of Use Feedback